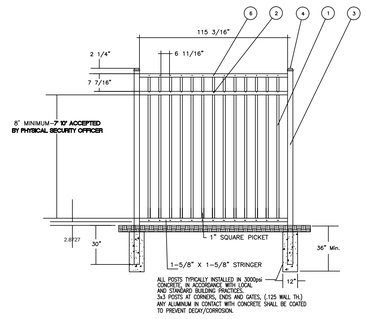
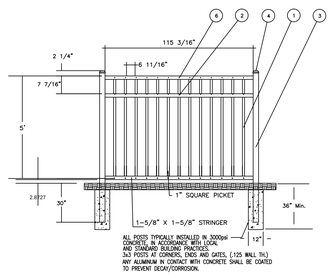


NOTE: PROVIDE APPROXIMATELY NEW FENCE IN LOCATIONS INDICATED. COMMERCIAL GRADE ORNAMENTAL ALUMINUM, STRAIGHT TOP, 10' HIGH FENCE, INCLUDING 20' ROLLING & 9' SWING GATES.

SECURITY AND PERIMETER FENCE PARTS PER SECTION		
ITEM		QTY
1	1202-48 PICKET	13
2	70-1/2" - 13 HOLE IND. STRINGER	2
3	2-1/2" POST	2
4	2-1/2" ALUMINUM POST CAP	2
5	70-1/2" - 13 HOLE IND. HEADER	1

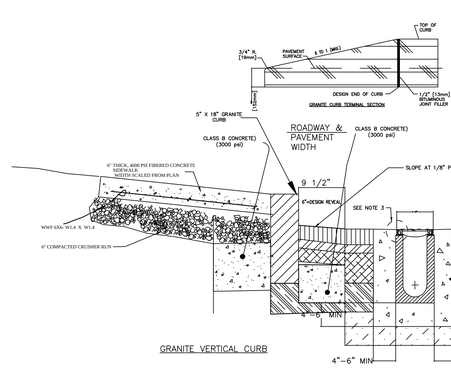
1 ALUMINUM SECURITY AND PERIMETER FENCE (10') DETAIL
1/4"=1'-0"



NOTE: NEW FENCE TO BE COMMERCIAL GRADE ORNAMENTAL ALUMINUM, STRAIGHT TOP, 5' HIGH FENCE, INCLUDING 20' ROLLING & 9' SWING GATES. MUST MATCH EXISTING FENCING.

SECURITY AND PERIMETER FENCE PARTS PER SECTION		
ITEM		QTY
1	1202-48 PICKET	13
2	70-1/2" - 13 HOLE IND. STRINGER	2
3	2-1/2" POST	2
4	2-1/2" ALUMINUM POST CAP	2
5	70-1/2" - 13 HOLE IND. HEADER	1

2 ALUMINUM SECURITY AND PERIMETER FENCE (5') DETAIL
1/4"=1'-0"



GRANITE VERTICAL CURB

NOTES:
1. IT IS NECESSARY TO ENSURE THE MINIMUM DIMENSIONS SHOWN ARE AVAILABLE FOR THE EXISTING GROUND CONDITIONS. ENGINEERING ADVICE MAY BE REQUIRED.
2. A MINIMUM CONCRETE STRENGTH OF 3000 PSI IS RECOMMENDED. THE CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
3. THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX. 1/8" ABOVE THE TOP OF THE CHANNEL EDGE.
4. REFER TO ACO'S LATEST INSTALLATION INSTRUCTIONS FOR COMPLETE DETAILS.
ALL CONCRETE CURBS AND TRANSITIONS, SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI.
5. MAXIMUM SPACING ON SCORED JOINTS SHALL BE 15' [4572MM].
6. 1/2" [13MM] THICK EXPANSION JOINTS SHALL BE LOCATED AT TANGENT POINTS IN CURB RETURNS, TRANSITIONS, AND AT A MAXIMUM OF 60' [1828.8CM] INTERVALS. EXPANSION MATERIAL SHALL ALSO BE PLACED BETWEEN CURBS AND ADJACENT STRUCTURES - SIDEWALKS, DRIVEWAYS AND CURB ACCESS RAMPS.
7. THE 1/2" [13MM] JOINT FILLER SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
7. CONCRETE SHALL BE FINISHED WITH A STEEL TROWEL, FOLLOWED BY BRUSHING WITH A FINE BRUSH ALONG THE LENGTH OF THE CURB OR CURB AND GUTTER.
8. SINGLE CURB MAY BE CONSTRUCTED BY THE USE OF FORMS OR MAY BE SLIP FORMED.
9. ALL EXPOSED EDGES AND HAND TOOLED JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6MM] RADIUS UNLESS A LARGER RADIUS IS INDICATED BY THE APPLICABLE STANDARD DETAIL OR PROJECT PLANS.
10. FOR REVEALS OF 6" [152MM] TO LESS THAN 8" [203MM].
11. FOR REVEALS OF 8" [203MM] TO 10" [254MM].

The surface drainage system shall be polymer concrete 5100K channel system with ductile iron roll and grate as manufactured by ACO Polymer Products, Inc., Chardon, OH.

Channels will be manufactured from polyester concrete with an integrally cast in ductile iron roll and supplied with ductile iron grates.

The system shall be 4 inches (100mm) nominal inside width with a 6.3 in. (130mm) overall width and a built-in slope of 0.6%. All channels shall be interlocking with a male/female join. Each channel shall have preformed 4 in. (100mm) round and 6 in. (150mm) oval drill-out on the bottom for vertical connection with underground piping.

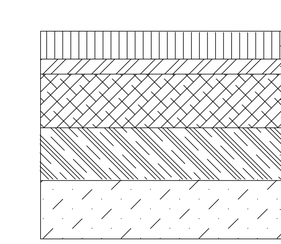
The complete drainage system shall be by ACO Polymer Products, Inc. Any deviation or partial system design and/or improper installation will void any and all warranties provided by ACO Polymer Products, Inc.

The channel system shall be independantly certified to withstand loadings to load class F (DIN19580). Grates shall be secured using 'Powerlok' Bottless locking system. Grate and Locking system shall be fully removable from channel.

Polymer Concrete shall have material properties of: compressive strength range between 14,000–14,500 psi; flexural strength between 3600–4500 psi; tensile strength of 1500 psi. The material water absorption rate shall not exceed 0.1% by weight and shall be resistant to freeze/thaw, de-icing salts, repetitive frost cycles and chemically resistant to dilute acids and alkalis.

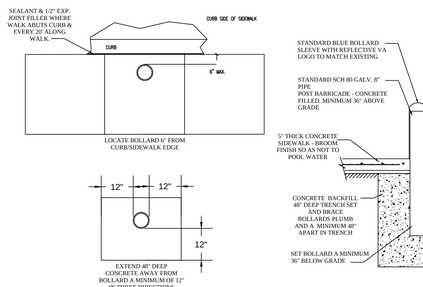
The system shall be installed in accordance with the manufacturer's instructions and recommendations.

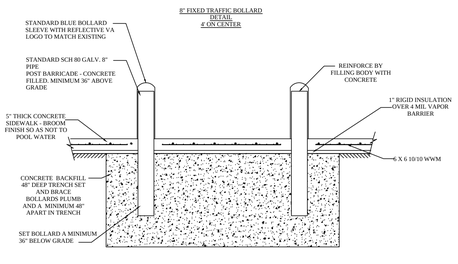
3 GRATE DRAIN AND GRANITE CURB DETAIL
NTS



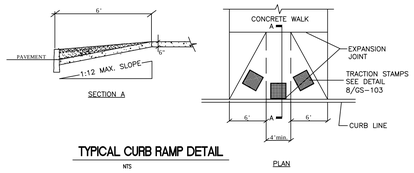
1. INSTALL NEW ASPHALT LAYERS (TOP COURSE, BINDER COURSE) IN ACCORDANCE WITH SPECIFICATION SECTION 329502.
2. IN AREAS WHERE TRENCHING OCCURS UNDER ROADWAY BACKFILL TRENCH PER THE APPROPRIATE TRENCH SECTION DETAIL AND INSTALL NEW ASPHALT IN ACCORDANCE WITH SPECIFICATION 329503.
3. HOT TACK ALL EXISTING DRAINS, VENTS OR GRATES AREAS IN NEW PAVEMENT AREAS CALLED OUT.
4. INSTALL NEW ASPHALT SURFACES IN ACCORDANCE WITH SITE PLAN ON GS-101 .
5. PITCH ROADWAYS AS REQUIRED TO ESTABLISH PROPER DRAINAGE.

4 ASPHALT PAVING SECTION (TYP)
NTS



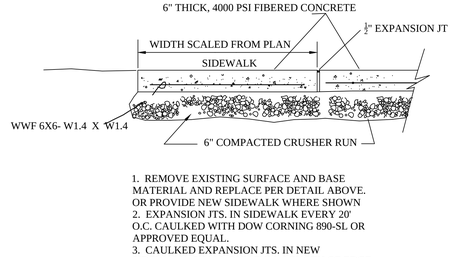


5 BOLLARD PLAN AND SECTION (TYP)
NTS



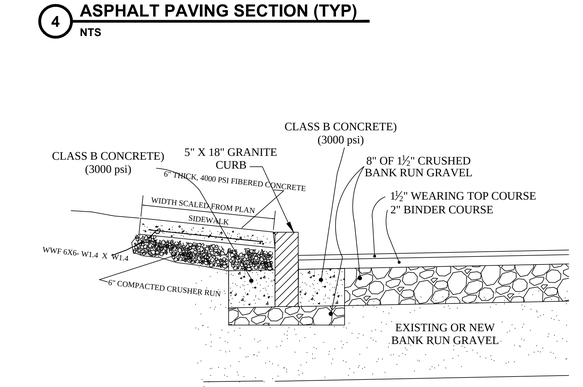
TYPICAL CURB RAMP DETAIL
NTS

6 CURB RAMP DETAIL (TYP)
NTS

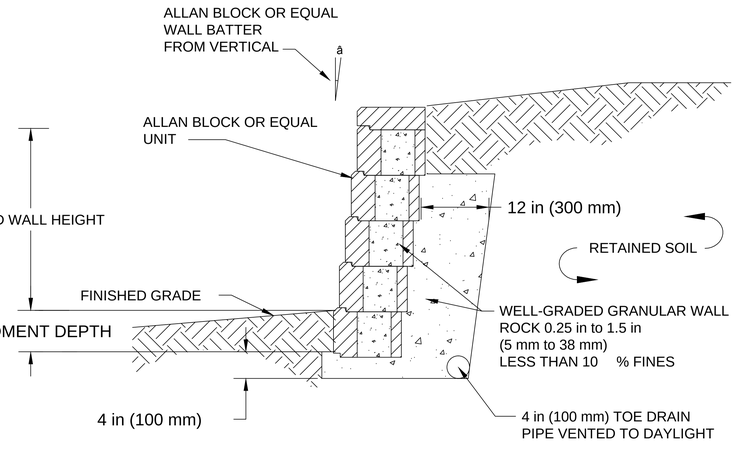


1. REMOVE EXISTING SURFACE AND BASE MATERIAL AND REPLACE PER DETAIL ABOVE. OR PROVIDE NEW SIDEWALK WHERE SHOWN
2. EXPANSION JTS. IN SIDEWALK EVERY 20' O.C. CAULKED WITH DOW CORNING 890-SL OR APPROVED EQUAL.
3. CAULKED EXPANSION JTS. IN NEW SIDEWALK, SHALL RUN FULL LENGTH OF EDGE ABUTTED TO EXISTING OR NEW CURB. SUPPORT ALL NEW GRANITE CURBING WITH CONCRETE BACKER BEFORE PLACEMENT
4. WWF MUST BE SUPPORTED BY CHAIRS.
5. PITCH SIDEWALK 2% MIN FOR POSITIVE DRAINAGE.

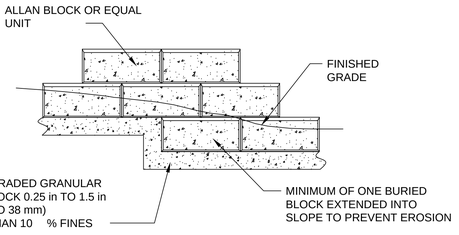
7 NEW OR REPLACEMENT SIDEWALK DETAIL (TYP)
NTS



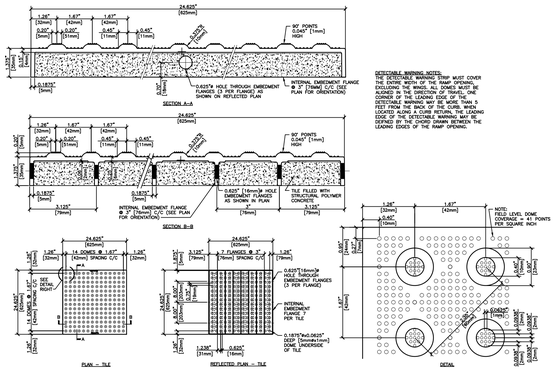
8 NEW GRANITE CURB TO SIDEWALK DETAIL (TYP)
NTS



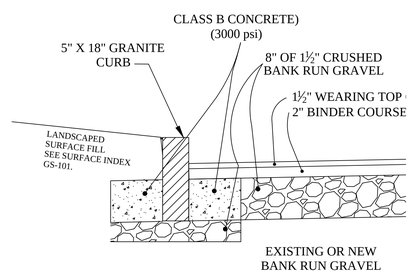
9 ALLAN BLOCK RETAINING WALL DETAIL (TYP)
1"=1'-0"



10 ALLAN BLOCK WALL STEP UP/STEP DOWN DETAIL (TYP)
NTS



11 TRUNCATED DOME TACTILE - WARNING STRIP DETAIL
NTS



12 NEW GRANITE CURB TO SURFACE FILL DETAIL (TYP)
NTS

Revisions	Date

(Company Logo/Information Block)

Drawing Title: MISCELLANEOUS SITE PLAN DETAILS

Project Title: UPGRADE FOR BUILDING 16 SITEWORK

Date: 07/02/2013

Project No.: 528A7-13-715

Approved: Facility Manager

Building Number: 16 | Checked: CF | Drawn: AZH

Location: VAMC SYRACUSE, NY

DRAWING NO.: GS-102

Dwg. 5 Of 11

VA HEALTHCARE NETWORK UPSTATE NEW YORK

DEPT OF VETERANS AFFAIRS